

20011022.qrp v02\_n350.qrl.20011022

Date: Mon, 22 Oct 2001 19:03:07 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2350

QRP-L Digest 2350

Topics covered in this issue include:

- 1) [109195] Re: Improving Wabler Rx sensitivity  
by "ZOOM" <kandrparker@sympatico.ca>
- 2) [109196] Re: Appalachian Trail in PA Activation  
by "Ron Polityka" <wb3aal@fast.net>
- 3) [109197] cq ed kessler only  
by Michael Goins <mgoins@usa.net>
- 4) [109198] -- Zombie?  
by Nick Kennedy <nkennedy@tcainet.net>
- 5) [109199] Precision KE6RIE Key For Sale  
by Jerry Parker <jparker@fix.net>
- 6) [109200] Precision KE6RIE Key For Sale///Here is the picture!  
by Jerry Parker <jparker@fix.net>
- 7) [109201] RE: ram  
by "Patrick Cummins" <pcummins@misnet.com>
- 8) [109202] J88DR on 14.012 @ 0135Z  
by David Gauding <david.gauding@bbs.galilei.com>
- 9) [109203] Pacificon was Great  
by "James R. Duffey" <jamesd1@flash.net>
- 10) [109204] HAM GEAR FOR SALE!  
by AC6JA@aol.com
- 11) [109205] Re: OT: Macintosh license software  
by Steve Muncy <smuncy@mac.com>
- 12) [109206] V470HX on 14.006 @ 0234Z  
by David Gauding <david.gauding@bbs.galilei.com>
- 13) [109207] Ten meters  
by "Scott Richardson" <scott@aves-specta.com>
- 14) [109208] Fwd: V470HX on 14.006 @ 0234Z  
by David Gauding <david.gauding@bbs.galilei.com>
- 15) [109209] 0254z ZF2AH 10102.4  
by "Rod N0RC" <rod@n0rc.com>
- 16) [109210] OT: Mac written test software follow-up...  
by "Tom Scott" <tomrscott@sterlink.net>
- 17) [109211] PHOTOS: K1 4 Bander Module  
by "N7SG K7FD" <k7fd@hotmail.com>
- 18) [109212] WTB: IC706  
by "Kelly Ellison" <kelman@sofnet.com>
- 19) [109213] St. Aidan's Raffle Result

- by "Doug Hendricks" <ki6ds@dospalos.org>
- 20) [109214] Re: Gas powered radio  
by OJ Loughheed <ojl@nerpa.net>
- 21) [109215] Multiband Dipole  
by OJ Loughheed <ojl@nerpa.net>
- 22) [109216] K2, KI02 and CT: Anyone using?  
by "N7SG K7FD" <k7fd@hotmail.com>
- 23) [109217] Testing Rig @ 0400Z  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 24) [109218] Re: K1 4 Band Module  
by Wayne Burdick <n6kr@elecraft.com>
- 25) [109219] Re: Improving Wabler Rx sensitivity  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 26) [109220] Re: Testing Rig @ 0400Z  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 27) [109221] Garmin GPS unit spoken for  
by Jack WsixABC <w6abc@yahoo.com>
- 28) [109222] Test Message - Please Delete  
by "Dave Fifield" <dave@redhotradio.com>
- 29) [109223] RE: -- Zombie?  
by "N8IE" <n8ie@woh.rr.com>
- 30) [109224] 1100 Hz  
by John R Kirby <n3aaz-qrp@juno.com>
- 31) [109225] Re: Electrically short antenna  
by "Karl F. Larsen" <k5di@zianet.com>
- 32) [109226] Re: Electrically short antenna  
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [109227] Re: Electrically short antenna  
by "Mike Yetsko" <myetsko@insydesw.com>
- 34) [109228] Re: Testing Rig @ 0400Z  
by "Rod N0RC" <rod@n0rc.com>
- 35) [109229] swr sensors  
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 36) [109230] Re: Working with vaccum tubes  
by Shawn Upton <kb1ckt@yahoo.com>
- 37) [109231] Re: Electrically short antenna  
by Bruce Muscolino <w6toy@erols.com>
- 38) [109232] GPS for Sale or Trade?  
by "Brian Murrey" <brian@iquest.net>
- 39) [109233] OT: Where Can I get RCA replacement parts  
by kcieslak <kcieslak@execpc.com>
- 40) [109234] Re: Question for Pacificon Attendees  
by "Rod N0RC" <rod@n0rc.com>
- 41) [109235] Re: Working with vaccum tubes  
by Shawn Upton <kb1ckt@yahoo.com>
- 42) [109236] IF you want to keep CW as a mode -READ THIS!!  
by "Kwik, Ed " <ed.kwik@delphiauto.com>
- 43) [109237] 3560 intruders

by Garie Halstead <k8kfj@ntelos.net>  
44) [109238] Re: IF you want to keep CW as a mode -READ THIS!!  
by Garie Halstead <k8kfj@ntelos.net>  
45) [109239] 7X4AN @ 28.495  
by Michael Goins <mgoins@usa.net>  
46) [109240] BFO  
by Dave Pomeroy <dave@dpomeroy.com>  
47) [109241] Want to keep CW!!  
by "ss lyon" <sslyon@megalink.net>  
48) [109242] Re: Working with vaccum tubes  
by "Brice D. Hornback" <bdh@cyberbound.net>  
49) [109243] Not Chisled in Stone  
by "Bill Jones" <kd7s@psnw.com>  
50) [109244] Re: IF you want to keep CW as a mode -READ THIS!!  
by Bill ROWLETT <kc4atu@yahoo.com>  
51) [109245] Re: NOAA WX Radio.  
by Bill Coleman <aa4lr@arrl.net>  
52) [109246] Re: NOAA WX Radio.  
by Bill Coleman <aa4lr@arrl.net>  
53) [109247] SW40+ and ADI AT600MP 2m/440 HT FS  
by "Dittmar, Mark" <Mark\_Dittmar@maxtor.com>  
54) [109248] Bagged 3 Pacificonders  
by "Cam Hartford" <camqrp@cyberg8t.com>  
55) [109249] Re: 3560 intruders  
by William R Colbert <w5xe@juno.com>  
56) [109250] N0RC automates logging!?!  
by "Rod N0RC" <rod@n0rc.com>  
57) [109251] Re: Working with vaccum tubes  
by "Jim Stamper" <jstamper@shentel.net>  
58) [109252] Re: -- Zombie?  
by W2AGN <w2agn@pobox.com>  
59) [109253] Will they Explode?  
by "Carter Craigie, N3AO" <n3ao@bee.net>  
60) [109254] Short 80 meter Antenna  
by "Karl F. Larsen" <k5di@zianet.com>  
61) [109255] Re: Bagged 3 Pacificonders  
by "Phinizy, William" <wphinizy@filenet.com>  
62) [109256] Re: Will they Explode?  
by "Karl F. Larsen" <k5di@zianet.com>  
63) [109257] Re: Working with vaccum tubes  
by "George, W5YR" <w5yr@att.net>  
64) [109258] Re: PHOTOs: K1 4 Bander Module  
by Bill Coleman <aa4lr@arrl.net>  
65) [109259] Re: Working with vaccum tubes  
by Dave Fouchey <dafouchey@home.com>  
66) [109260] Return Loss Bridge  
by "Stuart Rohre" <rohre@arlut.utexas.edu>  
67) [109261] Re: 7X4AN @ 28.495

- by Rick McKee <kc8aon@juno.com>
- 68) [109262] PVC stiffening for loop supports  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 69) [109263] Improving, not replacing the G5RV  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 70) [109264] The better 10m vertical solution  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 71) [109265] Re: 3560 intruders  
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 72) [109266] Re: CQ Magazine a target for terrorists?  
by "Marty N5NW" <n5nw@onebox.com>
- 73) [109267] Zombie Shuffle info?  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 74) [109268] Re: Zombie Shuffle info?  
by "Rod N0RC" <rod@n0rc.com>

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Date: Sun, 21 Oct 2001 05:34:59 -0400  
From: "ZOOM" <kandrparker@sympatico.ca>  
To: <n5ib@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109195] Re: Improving Wabler Rx sensitivity  
Message-ID: <00e701c15a13\$a74e75a0\$3294fea9@robertpa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just a question!

If you replace the resistor with a pot and if the pot is adjusted to near zero ohms wont this overdrive the transistor and possibly destroy it? The resistor controls the DC bias so I'm wondering if it may be safer to use the 500 ohm pot in conjunction with a small resistor in series to prevent the resistance value on the emitter from becoming too low!

I'm just starting my Warbler kit!

Cheers,  
Robert  
VE3RPF

----- Original Message -----

From: <n5ib@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Sunday, October 21, 2001 5:29 PM  
Subject: Re: Improving Wabler Rx sensitivity

> On Sun, 21 Oct 2001 12:53:10 +0000 "Steven Weber" <kd1jv@moose.ncia.net>  
> writes:  
> >The "stock" Wablers' tend to be a little \*deaf\* on receive.  
> >A simple way to greatly improve the Rx sensitivity is to tack a .001  
> >upd cap across R17, the RF preamp emitter resistor.  
>  
> Thanks to Steve for the heads-up on this. I just finished replacing R17  
> with a 500 ohm pot PC mount pot with a the .001 cap (surface mount part)  
> from wiper to ground. So now I have an rf gain control. Works FB.  
>  
> I'll be lurking around 3580-3581 tonight after 0200Z  
>  
> 72  
> Jim N5IB  
>  
> -----  
> GET INTERNET ACCESS FROM JUNO!  
> Juno offers FREE or PREMIUM Internet access for less!  
> Join Juno today! For your FREE software, visit:  
> <http://dl.www.juno.com/get/web/>.

-----  
Date: Sun, 21 Oct 2001 19:11:35 -0400  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ".Mtn-Top" <HamRadio\_Mountaintopping@yahoogroups.com>,  
".HF Pack" <hfpack@yahoogroups.com>, ". QRP-L" <qrp-l@Lehigh.EDU>,  
Subject: [109196] Re: Appalachian Trail in PA Activation  
Message-ID: <006b01c15a85\$ca010820\$7bae5cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

Well Ed and I had a great day in the outdoors. We started hiking the 3 miles at 13:50 UTC. After a couple of short breaks we made it over rocks, boulders, down hills and up the hills to Round Head off of Rte. 501 near Pine Grove, PA. After about a 1 hour and 10 minutes hike we started to setup our stations.

The temp. was in the 60's and there was a good breeze going. The sky was sunny but there was a some haze in the valleys. It was a great day to be outdoors.

Ed was running his K1 on 20 meters into a dipole facing the N / S direction. He was operating with 2 watts and making QSO's all over the country. He made a total of 14 Q's from Maine to Florida and out to Missouri. He was receiving great signal reports.

I made a total of 11 QSO's running my K2 at 5 watts into a 66' dipole with 25' of RG-8X coax. I used the coax this time instead of the 350 ohm ladder line due to the heavy cover at the top and I could not have the ladder line on the ground. I made a few QSO's on 40 m CW, when the calls stopped coming in I switched to 15 m CW and worked Colorado. Then I made my way to 15 m SSB and I could only make 1 Q on the band. So I went back to CW on 15 m and I made a couple Q's until the clock struck 17:45 UTC.

We decided to pack up and hike out. Wow, hiking in the fall on the AT in PA can be very hazardous. It was very rocky and with all the leaves on the ground it made for a tough hike. But we made it back to the truck in about 1 hour and 5 minutes again. Not bad, since we were carrying about 20 to 25 lbs.

Thanks to all those guys that worked us on the AT, we had a blast!!

I plan on going back out in November, and I will be staying for about 4 to 5 hours next time. That will give an opportunity for more guys to catch us on the air from the AT in PA.

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv  
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call  
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	ARS # 380
HI QRP #153	VA QRP Society #45
MI QRP #1703	K2 sn1392
NJ QRP #179	ARLHS #423

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Date: 21 Oct 2001 18:16:35 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-l@lehigh.edu  
Subject: [109197] cq ed kessler only  
Message-ID: <20011021231635.23284.qmail@cpdvg100.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Ed,  
got the Datong FL3 filter ok, and anxious to try it. Manual isn't here yet.  
t. =

Do you remember what size power connector, and I assume it's 12v (and not=9v)?

-----  
Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

-----  
Date: Sun, 21 Oct 2001 19:09:03 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [109198] -- Zombie?  
Message-ID: <01C15A63.D9CF7B00.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Guys, if you haven't clicked David's web site linked below, you oughta get a load of it. His opening screen photo is something else.

Try as I may, I just can't look that good in my Zombie badge. I'm even wondering if Paul may have to surrender his Grand Zombie title to this guy.

72--Nick, WA5BDU

CU Friday in the Shuffle?

-----Original Message-----  
From: David Bixler [SMTP:qrp@netins.net]  
Sent: Sunday, October 21, 2001 11:16 AM  
To: Low Power Amateur Radio Discussion  
Subject: RE: Appalachian Trail in PA Activation  
72

David Bixler W0CH  
Seneca, MO  
Main Web Site: <http://www.qsl.net/w0ch>  
Mirror Site: <http://showcase.netins.net/web/w0ch>

-----  
Date: Sun, 21 Oct 2001 17:23:04 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-l@LeHigh.edu  
Subject: [109199] Precision KE6RIE Key For Sale  
Message-ID: <2.2.32.20011022002304.006852b4@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have a KE6RIE Key, new in the original packing and unused  
for sale: \$45.00 plus shipping.

There is nothing else like it on the market! The workmanship  
is superb, CNC'ed parts and precision is the word here.

You can see a picture of the key at:

-----  
Date: Sun, 21 Oct 2001 17:33:13 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-l@LeHigh.edu  
Subject: [109200] Precision KE6RIE Key For Sale///Here is the picture!  
Message-ID: <2.2.32.20011022003313.00689c0c@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have a KE6RIE Key, new in the original packing and unused  
for sale: \$45.00 plus shipping.

There is nothing else like it on the market! The workmanship  
is superb, CNC'ed parts and precision is the word here.

You can see a picture of the key at:



<http://www.fix.net/~slmachco/key3.jpg>

72,,,Jerry...WA6OWR...k

-----  
Date: Sun, 21 Oct 2001 20:36:28 -0500  
From: "Patrick Cummins" <pcummins@misnet.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [109201] RE: ram  
Message-ID: <000001c15a9a\$133b4780\$d3c194d0@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wayne:

I looked at what I had in that old system and you may be in luck. Both banks 0 and 1 are filled (4ea) and I think that both banks were 1Mx8 sticks. So here is the deal, and yes there is a catch (isn't there always.) You let me know where to send them (off line is fine and probably better) and I will pull them and send them via first class mail. (After all it can't be much more than 55 cents for mail) Here is the catch, if they don't work in your system or are the wrong configuration, or whatever, you have to keep them. So let me know what you want to do. Also does your old system use a serial mouse? do you need one? Need some other stuff for a old system. If so let me know and if I have them, they are yours for the shipping costs of the bigger items. (this is one way to help clean some of the stuff I don't use or need out of the shack)

Patrick S. Cummins, W5PSC  
pcummins@misnet.com

-----  
Date: Sun, 21 Oct 2001 20:26:50 -0500  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-1@lehigh.edu  
Subject: [109202] J88DR on 14.012 @ 0135Z  
Message-ID: <5.1.0.14.0.20011021202414.00a6d210@bbs.galilei.com>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

J88DR on 14.012 @ 0135Z

Working many stations - slow speed - 599 into midwest.

Used Argo 509 and 1 watt to a portable St. Louis Quickie Vertical.

DX now calling CQ at 0136Z looking for stations.

Good luck!

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Sun, 21 Oct 2001 19:38:22 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <qrp-l@lehigh.edu>  
Subject: [109203] Pacificon was Great  
Message-ID: <B7F8D4AD.E42D%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

All - I just got back from Pacificon. It was a blast!

I arrived Friday Morning and Doug picked me up. It was my first experience flying since security has been tightened. I didn't have much trouble, but it was somewhat disconcerting to see armed military guards at the airport. It seemed like I was in a third world country.

The banquet Friday night was good if I say so myself. Fuddruckers puts out a good juicy hamburger and provides a private room for rowdy crowds like qrpers.:^)

The QSO contest was fun to watch. Dave Fiefield came up with a unique spotting system that enabled him to more than double the QSOs of his nearest competition. Contacts were made as far away as Oregon and Claremont CA. There were lots of FT-817s in attendance with MP-1s and MP-2s.

The folks at Elecraft introduced a 4 band module for the K-1 which should make this the ideal backpacking/filed rig.

There was no swap meet this year. This reduced the attraction of PACificon.

Ed Manuel gave a good talk on antenns that you can mount on a 10 Meter pole.

Bill Jones gave an excellent talk on portable operation with an unforgettable demonstration by Mike Gipe of his portable station, complete with an 807 cooler.

Jim Cates gave a great talk on his 42 years in QRP with some truly great classic RP rigs.

The QRP talks were capped by a talk on receiver performance by Eric Swartz.

My daughter Barbara came up at 1600 with her boyfriend. It was nice to see them and I took them to dinner. Doug was kind enough to bring his D28 for Barbara to play.

The raffle was interesting with most of the prizes going to out of towners. I won a handbook. Thanks Ed.

It was nice to see old friends who are too many to mention.

Dave Fifield gave me a ride to the airport, and on the way he gave me a demonstration of GPS based directions.

See you next year!!!! - Dr. Megacycle KK6MC/5 "Radio Green Chile"

--

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Sun, 21 Oct 2001 21:57:32 EDT  
From: AC6JA@aol.com  
To: qrp-1@lehigh.edu  
Subject: [109204] HAM GEAR FOR SALE!  
Message-ID: <83.11c54a00.2904d70c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have the following for sale. All are in excellent working condition and look as new. All have the original boxes and manuals.

1. KENWOOD TH-D7A dual band ht with tnc, \$350.
2. ICOM IC-Q7A mini dual band ht with optional case and antenna, \$125.
3. KENWOOD TS-570S, hf/6m transceiver with optional SP-23 speaker, \$900.
4. ICOM T81A quad band ht, 6m,2m,440, and 1.2! optional case and antenna, \$250.
5. MIRAGE B-310-G 100w 2meter all-mode amplifier, \$150.
6. TEN TEC 1210 10m/2m transverter, \$125.
7. RADIO SHACK HTX-10 10m ssb/fm transceiver, \$100.
8. YAESU FT-100 160-440 transceiver, \$650.

Let me know if interested or have any questions.  
Shipping is included on all items.

Thanks!

Mike AC6JA

-----  
Date: Sun, 21 Oct 2001 21:00:28 -0500  
From: Steve Muncy <smuncy@mac.com>  
To: tomrscott@sterlink.net  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [109205] Re: OT: Macintosh license software  
Message-ID: <909D1E55-C690-11D5-B843-003065CC5866@mac.com>  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Mime-Version: 1.0 (Apple Message framework v472)  
Content-Transfer-Encoding: 7bit

On Sunday, October 21, 2001, at 03:37 PM, Tom Scott wrote:

> I am not a Macintosh user myself, but I teach a QRP-centered Amateur  
> Radio &  
> Electronics class and find that a small percentage of my students have  
> Macintosh computers at home rather than PCs.  
>  
> To that end I am looking for Macintosh study software that will allow  
> the



de Dave, NFOR      nf0r@slacc.com

-----  
Date: Sun, 21 Oct 2001 22:13:17 -0400  
From: "Scott Richardson" <scott@aves-specta.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [109207] Ten meters  
Message-ID: <00e001c15a9f\$2602c460\$980f82d0@salix>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

All,

I'm looking for a 10-m transceiver to use for QRP on 10 & to use with a 144-28 transverter. CW only would be fine, for simplicity. None of the QRP kits I see operate on 10. Anybody know of a homebrew article that might fit the bill? Other suggestions?

TIA

.....  
Scott Richardson W1QHG  
Berwick, Maine  
scott@aves-specta.com  
K1 139  
.....

-----  
Date: Sun, 21 Oct 2001 21:04:28 -0500  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu  
Subject: [109208] Fwd: V470HX on 14.006 @ 0234Z  
Message-ID: <5.1.0.14.0.20011021210248.00a60ec0@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hmmm! That wuz 0204Z not 0234Z, which hadn't happened yet.

Okay Dx-er here but a lousy typist! <g>

de Dave, NØR      nf0r@slacc.com

>Date: Sun, 21 Oct 2001 20:56:40 -0500  
>Reply-To: david.gauding@bbs.galilei.com  
>Sender: owner-qrp-1@Lehigh.EDU  
>From: David Gauding <david.gauding@bbs.galilei.com>  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: V470HX on 14.006 @ 0234Z  
>X-To: qrp-1@lehigh.edu  
>X-Sender: david.gauding@bbs.galilei.com  
>X-Mailer: QUALCOMM Windows Eudora Version 5.1  
>  
>V470HX on 14.006 @ 0234Z  
>  
>Sam on St. Kitts running stations - slow speed - 589 into midwest -  
>picked-up on my /QRP.  
>  
>Used Argo 509 and 1 watt to a portable St. Louis Quickie Vertical.  
>  
>Good luck!  
>  
>  
>  
>de Dave, NØR      nf0r@slacc.com

-----  
Date: Sun, 21 Oct 2001 20:58:57 -0600  
From: "Rod NØRC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109209] 0254z ZF2AH 10102.4  
Message-ID: <004701c15aa5\$7f032220\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

599 sig in Ft Collins

Worked with 5W and on of those nasty "compromise" antennas, my attic  
doublet! ;-)

73, Rod NØRC





-----  
Date: Sun, 21 Oct 2001 19:59:55 -0700  
From: "N7SG K7FD" <k7fd@hotmail.com>  
To: elecraft@qth.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [109211] PHOTOs: K1 4 Bander Module  
Message-ID: <F24076H3LzwdGzjbhM70000d10b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

For those who have been inquiring about the new Elecraft mystery product, Glenn WA7SPY finished his K1 4 band module today and asked that I post pictures of his completed board...

Please visit: <http://home.teleport.com/~cqdx/4bander.htm>

73 John K7FD

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

-----  
Date: Sun, 21 Oct 2001 22:15:20 -0500  
From: "Kelly Ellison" <kelman@sofnet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [109212] WTB: IC706  
Message-ID: <00f601c15aa7\$c8a9e420\$a598b0d1@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello all,

I am spending more time lately in the car, and would like to find a nice mobile radio...Looking for an Icom 706 with or without separation cable. Any flavor OK. Cw filter would be great also. Please let me know what you have.

Am currently using my FT-817 which is working great, but would like to permanently install a mobile rig in the car and free up the 817 for other things.

Thank you,

Kelly Ellison - WB0WQS  
QRP-L #702  
Aurora, Missouri

-----  
Date: Sun, 21 Oct 2001 19:25:32 -0700  
From: "Doug Hendricks" <ki6ds@dospalos.org>  
To: <qrp-l@lehigh.edu>  
Subject: [109213] St. Aidan's Raffle Result  
Message-ID: <002601c15aa0\$d448e9e0\$1fa3ad40@dospalos.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, we raised \$2745.00 in the St. Aidan's Benefit Raffle which was held Saturday night at QRPacificon. Here are the results:

1. Elecraft K2 WB9KZY, Chuck Olson, Washington Island, Wisconsin
2. W6MMA Super Antennas MP2 - W4ZY, Robert Scott, Woodbridge, VA
3. W6MMA Super Antennas MP1 & Accessories - WA6YSY, John Arnold, Monterrey, CA
4. Red Hot Radio Red Hot 40 - AA0B, Roy Parker, Columbia, MO
5. Small Wonder Labs DSW20+ - KH7T, John Buck, Kamuela, HI
6. MFJ 15 Meter Cub, K0BE, Robert Olson, Canby, MN
7. Doug Hauff Key, N4XY, Ed Tanton, Marietta, GA
8. ARRL Handbook, KK6MC, Jim Duffey, Cedar Crest, NM
9. NJQRP Club 1/2er - W7DZN, Lou Hlousek, Reno, NV
10. NJQRP PSK31 Beacon - W6MMA, Vern Wright, Placerville, CA
11. NJQRP Warbler - WA6GER, Sacramento, CA
12. NJQRP Atlanticon Compendiums 99, 00, 01 - N7TM, Tom Taylor, Redmond, WA
13. NJQRP NY Islander & Audio Amp - W4TX, Bert White, Corinth, MS
14. NJQRP Manhattan Starter Kit, W6MMA, Vern Wright, Placerville, CA
15. NJQRP K8IQY 40/17 Transverter Kit - KE0MC, Lee Johnson, Maryland Heights, MO
16. Ft. Smith QRP Tuna Tin 2 Kit - AD6CW, Jim Lowman, San Bernadino, CA
17. Ft. Smith QRP VE3DNL - N6PGQ, Bob Woodward, Roseville, CA
18. AZ ScQRPion SSS Kit - KS4HQ, Robert Hodgkins, Durham, NC
19. St. Louis QRP Quickie Antenna - W5JAY, Jay Bromley, Ft. Smith, AR
20. NorCal SMK-1 Kit - K6MW, Mike Wood, Vacaville, CA
21. NorCal BLT Tuner Kit - W5HNS, Henry Schneider, Pasadena, TX
22. NorCal Toroid Kit - W6JJZ, Charlie Lofgren, Claremont, CA

Thank you to all of the wonderful sponsors and clubs for their donations.

Every penny of the \$2745 will go to St. Aidans. The prizes were all donated in full by the vendors. What a wonderful gesture of support for QRP by Elecraft, Small Wonder Labs, Red Hot Radio, MFJ, Vern Wright Supertennas, Doug Hauff and the ARRL. I would also like to thank the other clubs who supported us, Ft. Smith, New Jersey QRP, Arizona ScQRPions and St. Louis QRP. Thank you for being there. Last year we raised \$700, this year \$2745, thank you again it was all of you who made it possible.  
72, Doug

PS: Prizes will ship this week.

-----  
Date: Mon, 22 Oct 2001 11:43:15 +0800  
From: OJ Loughheed <ojl@nerpa.net>  
To: qrp-l@lehigh.edu  
Subject: [109214] Re: Gas powered radio  
Message-ID: <103130300b7f937e4a6ec@[195.206.50.173]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

A bit late... catching up on the list...

The local (Irkutsk, Siberia) INMARSAT dealer sells an aluminum pot for boiling water, making soup, borshch, thawing frozen beer, etc. \$250... In the bottom is a 15 watt thermocouple generator to charge your sat phone batteries... or?... Saw it last summer. Looked new, might be 30 year old surplus...

And what about those fancy woodstoves with the infrared optimized Photovoltaic panels on the sides to generate juice...

The way I heard it, Edison had a turnstile (not 2 Meter ;-) gate rigged to the pump. When Armstrong (not Neil) visited and suggested that it was hard to turn and that he (Armstrong) could fix it, Edison thanked him for helping pump some water...

O.J. Loughheed, ex-N5JXU

>The Russians used to make a thermocouple assembly that you could put on top  
>of a gas camping stove. It was intended for powering radios out on the  
>steppes. This was about 30 years ago.

>Leon

>> > All this conversation about "no power" and wind up radios has made me  
>> > wonder if anyone has yet invented a gas powered radio.

>Thomas Edison, I'm told, had a well with a pump that filled a water tank in  
>his attic. He had so many visitors that he rigged his front gate with a  
>gear mechanism hidden in some well placed shrubs. Every time somebody came  
>or went through the gate when it was opened it pumped some water up into the  
>tank in the attic.

-----  
Date: Mon, 22 Oct 2001 11:12:01 +0800  
From: OJ Loughheed <ojl@nerpa.net>  
To: qrp-l@lehigh.edu, topband@contesting.com  
Subject: [109215] Multiband Dipole  
Message-ID: <103130301b7f93ca5c4b8@[195.206.50.173]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

With the discussion on the QRP-L reflector on wire beams and TV twin-lead  
antennas... Just a thought... Anyone ever build a "shortened dual-band"  
twin-lead 160/80 (or other combination - 80/40/15?) dipole with linear  
loading on the lower (top)band? The idea would be to tie the 2 wires  
together at the center (feed with coax) AND at the ends, and then clip one  
of the wires at the 80 M resonance point. The length being calculated for  
the linear loading on the lower band...

O.J. Loughheed, ex-N5JXU

-----  
Date: Sun, 21 Oct 2001 20:27:31 -0700  
From: "N7SG K7FD" <k7fd@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Cc: elecrafft@qth.net  
Subject: [109216] K2, KI02 and CT: Anyone using?  
Message-ID: <F220M0nvV1xJC1r1VFNk0000d0c7@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Is anyone using their K2/KI02 with CT operating under Windows 2000? If so,  
are you running the DOS CT or the BETA CTWIN? Is either working  
successfully?

Thanks,

John K7FD, gearing up for SS CW, Nov 3rd

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

-----  
Date: Sun, 21 Oct 2001 22:37:17 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [109217] Testing Rig @ 0400Z  
Message-ID: <200110220337.AA00318@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Gang,

Going to be testing a new HB 40m tx at 0400Z. I'll be hanging around 7.040-ish, looking for QSOs. The band doesn't seem to be in all that good shape with the AU going on, but what the hey! :-)  
Will be running 450 mW to the infamous fishpole vertical. If any of you are up and about, drop in and say hi! I'll be at it until 0500Z. Any action or reports will be most appreciated!

72/73,

Todd, AG0T

-----  
Date: Sun, 21 Oct 2001 21:25:42 -0700  
From: Wayne Burdick <n6kr@elecraft.com>  
To: Andy Anderson <aanderso.cw@verizon.net>  
Cc: elecraft@qth.net, qrp-l@Lehigh.EDU  
Subject: [109218] Re: K1 4 Band Module  
Message-ID: <3BD39F7A.ABE465BC@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Andy Anderson wrote:

>

> Oh, goodie! I get to wind some more toroids....

Hi Andy,

The good news is that it's only 2.5 toroids per band ;)

73,  
Wayne  
N6KR

-----  
Date: Mon, 22 Oct 2001 00:06:07 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: kandrparker@sympatico.ca  
Cc: qrp-l@lehigh.edu  
Subject: [109219] Re: Improving Wabler Rx sensitivity  
Message-ID: <200110220435.f9M4Zcc27816@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> Just a question!  
> If you replace the resistor with a pot and if the pot is adjusted to near  
> zero ohms wont this overdrive the transistor and possibly destroy it? The  
> resistor controls the DC bias so I'm wondering if it may be safer to use the  
> 500 ohm pot in conjunction with a small resistor in series to prevent the  
> resistance value on the emitter from becoming too low!  
>

Good point. A beter approch would be to put the pot in series with  
the cap, than put that network across R17. Now you would be able to  
effectivly varry the gain, without affecting the bias on the  
transistor.

72,  
Steve, KD1JV in the White Mountains of New Hampshire  
"Melt Solder"  
<http://www.qsl.net/kd1jv/index.html>

-----  
Date: Mon, 22 Oct 2001 00:00:41 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [109220] Re: Testing Rig @ 0400Z  
Message-ID: <200110220500.AA00452@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain

Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Well, an hour of calling CQ in and around 7.040 yielded nothing. Band still pretty flat, though it's improved a bit in the past hour. Just about every signal has AU flutter on it still, though. Maybe I should have been calling CQ on 144.200... :-)

Many thanks to one and all who might have been listening for me!

72/73,

Todd, AG0T

-----  
Date: Sun, 21 Oct 2001 23:56:20 -0700 (PDT)  
From: Jack WsuxABC <w6abc@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [109221] Garmin GPS unit spoken for  
Message-ID: <20011022065620.33077.qmail@web14208.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thank you to those who responded, the GPS has found a new home and I a suitable swap.

73,  
Jack

=====  
Website: <http://home.pacbell.net/friday2k>  
QRP-L #2193 SOC#165 K2#1272 K1#37

-----  
Do You Yahoo!?  
Make a great connection at Yahoo! Personals.  
<http://personals.yahoo.com>

-----  
Date: Mon, 22 Oct 2001 01:11:22 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109222] Test Message - Please Delete  
Message-ID: <005501c15ad1\$23732d20\$0200a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I humbly beg your indulgence  
once more as I try to solve a  
small list-posting problem that  
has been pestering me for a  
while. I think I may have solved  
the issue. Please delete this  
worthless email forthwith.

Thanks es 72,  
Dave Fifield, AD6A

-----  
Date: Mon, 22 Oct 2001 06:35:33 -0400  
From: "N8IE" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [109223] RE: -- Zombie?  
Message-ID: <000101c15ae5\$477a69e0\$0200a8c0@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Now that's way to cool.

72, oo  
Dan, N8IE

-----Original Message-----  
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Nick Kennedy  
Sent: Sunday, October 21, 2001 08:09 PM  
To: Low Power Amateur Radio Discussion  
Subject: -- Zombie?

Guys, if you haven't clicked David's web site linked below, you oughta get  
a load of it. His opening screen photo is something else.

Try as I may, I just can't look that good in my Zombie badge. I'm even  
wondering if Paul may have to surrender his Grand Zombie title to this guy.

72--Nick, WA5BDU



CU Friday in the Shuffle?

-----Original Message-----

From: David Bixler [SMTP:qrp@netins.net]  
Sent: Sunday, October 21, 2001 11:16 AM  
To: Low Power Amateur Radio Discussion  
Subject: RE: Appalachian Trail in PA Activation  
72

David Bixler W0CH  
Seneca, MO  
Main Web Site: <http://www.qsl.net/w0ch>  
Mirror Site: <http://showcase.netins.net/web/w0ch>

-----  
Date: Mon, 22 Oct 2001 07:15:37 -0400  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [109224] 1100 Hz  
Message-ID: <20011022.071643.-220633.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

This is for the station LQQKing for a technique to measure 1100 Hz.

. . . I can not find your address . . .

Here is yet another way at . . .

<http://iz8bly.sysonline.it/>

Note \*that is lower case (IZ8BLY)\*

SPECTRA <[Spectra/index.htm](#)> - accurate spectrum analyzer in the range 0 - 2500 Hz

You will need a PC with sound card and Windows 9x.

John  
N3AAZ  
FM 19 xa

-----  
GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Mon, 22 Oct 2001 05:32:48 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: William R Colbert <w5xe@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109225] Re: Electrically short antenna  
Message-ID: <Pine.LNX.4.33.0110220529370.1291-1000000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

William, please send me a way to learn about the W9INN dipoles. That sounds like something I need! Please some more on how well the 48 foot antenna works on 80 meters. That is the band I want to address.

On Sun, 21 Oct 2001, William R Colbert wrote:

> When I operate as V31XE, I use a 60 ft end fed wire from  
> the third floor of the hotel sloping down to a palm tree. I  
> have a counterpoise wire set that is attached to the tuner  
> and that system works very well - best dx was a ZS5 with  
> 4 watts on 30. But on 80 I worked into South America and  
> the southern U.S. with no problems. I also have the  
> W9INN short dipoles which are a total length of 48 feet  
> and work very well 80-10. Coax fed.  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Mon, 22 Oct 2001 05:46:40 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Tom Popovic <ki3r@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [109226] Re: Electrically short antenna  
Message-ID: <Pine.LNX.4.33.0110220538000.1291-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tom your right I think. 75 meters is full of alligators who run a KW or more and turn up the mike so you can hear a pin drop down the street. It also has the New Mexico Breakfast Club. All the net controls use 100 watts. New members show up with a Ham Stik on the air conditioner and you can Just hear them. We have some old boys from Texas, 2 each who adjust their amps for an hour about when the net meets. We are on 3.939 and they are 3.410 and they slop over a lot.

So if you still have the loading coils that worked Tom, count the number of turns and see if there is a capacitor across the coil and like that. Sure would help.

On Sun, 21 Oct 2001, Tom Popovic wrote:

> Hello there Karl .... Well I stayed off of 80 meters  
> for years due to the "if it is short it therefore will  
> not work mentality". This is evidently spread by  
> those who don't want any competition on a given band  
> ...I think. A number of years ago I secured a set of  
> loading coils for 80 meters which allowed me to get on  
> 80 from my 60 by 130 foot lot. They worked fine. I  
> ended up with a full sized 80 meter antenna by cutting  
> the next door neighbors lawn. It was an excellent  
> trade given that he weighed over 300 lbs and  
> "jump-starting" him would have been difficult at best.  
> Big John has since gone to the police station in the  
> sky and the present neighbor and I have the same deal  
> except I just do his front lawn which is quite small.  
> I attach one end of the V to his garage. I cannot  
> really say there was much of a difference between the  
> full sized and electrically shortened antenna. Get  
> some coils or roll your own and enjoy. 73 Tom KI3R  
> --- "Karl F. Larsen" <k5di@zianet.com> wrote:  
> >  
> > I have not heard a wire much shorter than a 1/2  
> > wavelength on 80  
> > meters work very well. My experiance with the W3FF  
> > antenna on 20 meters  
> > which is very good is with an antenna only 50% as  
> > long as a 1/2 wave  
> > dipole.  
> >

> > Has anyone tried a wire 60+ feet long with  
> > inductors each side of  
> > the center that make it resonant on 80 meters? How  
> > did/does it work? I  
> > would like any information you have on this specific  
> > subject.  
> >  
> > Many Hams can get up 60 feet of wire. But 130 feet  
> > is just out of  
> > the question.  
> >  
> > --  
> > Yours Truly,  
> >  
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303  
> > -  
> > <http://www.qsl.net/k5di/>  
> >  
>  
>  
> =====  
> The common good was the claim and justification of every  
> tyranny ever established over men. Every major horror of  
> history was committed in the name of altruistic motive...  
> Actors change, but the course of the tragedy remains the  
> same. Ayn Rand 1943  
>  
> -----  
> Do You Yahoo!?  
> Make a great connection at Yahoo! Personals.  
> <http://personals.yahoo.com>  
>

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Mon, 22 Oct 2001 08:10:11 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109227] Re: Electrically short antenna  
Message-ID: <00cc01c15af2\$857afd60\$6501a8c0@INSYDENT>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl,

I have a 40M dipole up, and I use it on all bands from 80m to 10M. Granted with better success on some bands than others. But I found that my ATU will bring it right in and it will work just fine up through 15M, then kind of touchy on 12 and 10. 17 has an issue that it causes my stereo in my bedroom to misbehave, even at QRP, but the long speaker leads are right by the window the feedline goes through, and the antenna itself is only maybe 15 feet from the speaker leads (and parallel to them) as it goes across the yard to the tree support.

Bottom line, a bad antenna is better than no antenna, and sometimes you can be very surprised at how good a bad antenna can still work.

By the way, my antenna is a 40M dipole with a 'Plexiglas' block in the center. The antenna is made of #24ga clear stranded speaker wire that's been 'separated'. Terminated at each end with a loop at more small Plexiglas blocks. I feed it with 300 ohm twinlead. Not the flimsy light duty hookup stuff, but the heavier stuff at Radio Shack. This comes to a binding post to BNC adapter and plugs directly into the ATU of my K2. Yes, I am balunless!!!!

Anyway, I use that thing on 80M all the time. For a while I was on 3930 a bunch with a group of friends that meet there almost every night. 3930 at 9:30. But now I haven't been on in about 6 weeks. (The death of a friend has left me saddled with some other responsibilities but eventually I hope to get back on a LOT more! (And work on the old motorcycle I want to get running by this spring!))

Mike

-----  
Date: Mon, 22 Oct 2001 06:12:36 -0600  
From: "Rod N0RC" <rod@n0rc.com>

To: <enders@bolshoi.cc.misu.nodak.edu>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109228] Re: Testing Rig @ 0400Z  
Message-ID: <004701c15af2\$d6a9eb10\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Todd,

----- Original Message -----

From: "Todd Enders" <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, October 21, 2001 11:00 PM  
Subject: Re: Testing Rig @ 0400Z

>

> Well, an hour of calling CQ in and around 7.040 yielded nothing.

Tuned around for you but heard nothing. I did hear a station is  
Lincoln, NE--not sure why I couldn't hear you.

73, Rod NØRC  
Ft Collins, CO

-----  
Date: Mon, 22 Oct 2001 08:42:10 -0400  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109229] swr sensors  
Message-ID: <006701c15af6\$f881df00\$2e211c18@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have seen many, many diagrams and articles on swr meters, but they all (to my knowledge) leave one thing out. this may not bother most people but I'd like to know the tiny details about them. Like what happens when you change the no. of turns, the resistance values, etc. I have seen sensors with one transformer(toroid), two transformers, ones with center tap, balanced types (bruene) and so on but as I said , no one has ever bothered to discuss them

in minute detail. If there is a book out there I don't know about will someone please let me know???

I've been around a long time but there are some things I guess I've never learned. I've built many swr meters and some worked and some didn't. any info I can find , QRP and QRO would be appreciated

thanks.

carl / kz5ca

-----  
Date: Mon, 22 Oct 2001 05:48:18 -0700 (PDT)  
From: Shawn Upton <kb1ckt@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [109230] Re: Working with vaccum tubes  
Message-ID: <20011022124818.63586.qmail@web10108.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Wow, got some good info on this rig. What if I take and rewire the power plug properly? It seems to me, I can make it somewhat more safe if I do that. Should I use a regular 3 prong plug, grounding the cabinet/chassis, neutral to B-, hot to, well, hot? The only thing I'm not sure about is the ground connection--The chassis is tied to B- through a cap paralled with a 470k resistor. If I do this, I probably should still use the isolation transformer, since I'm a real newbie to what touching a plate voltage feels like, right?

Also, the radio's power switch is wired to switch B-, not the hot wire. So, I think I can redo that at the same time too. And maybe, just maybe, I'll be smart enough to put a fuse inline too. I think it's rated at 40W input, so a 1/2 amp fuse ought to work.

Interesting stuff on the tube diode drop. upwards of 30 volts, that's quite a loss. I'd assume the detector runs a bit less of a drop than that. I suspect I might have some fun in there, measuring voltages and trying to figure out the circuits--as long as I don't zap myself too badly in the process!

KB1CKT  
-----

Date: Mon, 22 Oct 2001 10:42:00 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: k5di@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [109231] Re: Electrically short antenna  
Message-ID: <3BD43038.A808CDF1@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Karl,

I know I am opening a can of worms here but, my original condo antenna loaded and worked very well on 80 meters and it was only about 50 feet long, with no inductors!

There have been many articles written about loaded antennas. Lumped loading, which is what you seem to be talking about is very popular in the world of antennas! Mobile antenna systems use base loading, center loading, and top loading. Each has its proponents and each has its problems!

A trip through the library copies of QST, CQ, and 73 will reveal much about what you want to do! I would recommend the following:

First, take a piece of wire about 60 feet long and put it up. Then try to load it with your current antenna tuner. When I first started antenna experiments I used a simple LC tuner that had enough range to load 60 feet of wire on 80 meters. MFJ makes the 16010 tuner that is like this. Any tuner can be connected as an LC tuner.

Go from there!

-----

Date: Mon, 22 Oct 2001 09:49:41 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>  
Subject: [109232] GPS for Sale or Trade?  
Message-ID: <001501c15b08\$c8f12f40\$a7362bd1@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a brand new Garmin eTrex Personal Navigator GPS set. With the holster, PC Data Cable, and Cigarette lighter socket power cord with the books and all, that I would like to sell or trade.



I bought this on an impulse, and I have used it maybe three times. It works great, it's a 6 oz, 12 channel (tracks 12 birds), hand held receiver. The unit is water proof, and housed in a high impact yellow rubber covering making it fairly shock resistant.

Runs 22 hours on 2 AA Alkalines, can hold up to 500 waypoints, can save up to 10 tracking logs in local memory, these can be dumped to PC for loading and reloading at a later date. Unit also shows speed, direction, time and distance to destination, you can place up to 50 waypoints in a single route, also show elevation, time of sunrise/sunset, trip timer, and trip odometer.

Unit is less than 3 months old and in perfect condition. Includes owner's manual and handy quick reference card.

I paid \$119.00 for the unit, \$19.99 for the holster, and \$45.99 for the data/power cord from Garmin.

I'd like \$150 cash/check/money order or would consider trading for some QRP stuff. I could use a WM-2 meter, or a AADE LC Meter, or just tell me what you have to trade. I'll pay to ship the GPS unit to you. (US only)

73 de KB9BVN

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
  39.558 N   86.095 W   Johnson Co., Indiana
  GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
  Member of the American Radio Relay League - SOC #400
  FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

-----

Date: Mon, 22 Oct 2001 10:06:26 -0500  
From: kcieslak <kcieslak@execpc.com>  
To: qrp-l@Lehigh.EDU  
Subject: [109233] OT: Where Can I get RCA replacement parts  
Message-ID: <3BD435F2.3CBF5B21@execpc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A little off subject but I figure some of you builders also fix your own tv and vcr's when they break. I have an RCA VCR (vr678hf) with a bad switching regulator chip in the PS. (IC801 RCA PN 219269). Non of the local shops want to

sell parts.

Where do you guys get your parts?? I hate to throw away a VCR for lack of a \$5 part.

Brian K9WIS

-----  
Date: Mon, 22 Oct 2001 09:05:41 -0600  
From: "Rod N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: "Ed Manuel \ (N5EM\)" <n5em@flash.net>, <sigcom@juno.com>, "Dave Fifield" <dave@redhotradio.com>,  
Subject: [109234] Re: Question for Pacificon Attendees  
Message-ID: <003801c15b0b\$04f5ccb0\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks to all the folks who answered my query.

For those waiting to hear; the DSW+ is delayed, the winner accepted a gift certificate for one, when it is ready.

DARN! Guess Mrs Santa Claus will have to scratch that from this years list. I wonder if she would consider a Titanium Road bike??? (Doubt it! I'll probably get socks or something! ;-)

73, Rod N0RC  
Ft Collins, CO

----- Original Message -----  
From: "Ed Manuel (N5EM)" <n5em@flash.net>  
To: <rod@n0rc.com>  
Sent: Sunday, October 21, 2001 7:27 PM  
Subject: Re: Question for Pacificon Attendees

...  
> At 09:00 PM 10/20/01 -0600, you wrote:  
> >Folks,  
> >  
> >Did you see the new DSW+ that Dave was supposed to introduce at  
> >Pacificon? (Well I'm guessing he was going to introduce it, since  
it  
...

-----  
Date: Mon, 22 Oct 2001 08:29:01 -0700 (PDT)  
From: Shawn Upton <kb1ck1t@yahoo.com>  
To: RussN7DW@cs.com  
Cc: qrp-1@lehigh.edu  
Subject: [109235] Re: Working with vaccum tubes  
Message-ID: <20011022152901.95081.qmail@web10108.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Yeah, I was speaking in jest. I'm just shy of 25, so when I took my electronics courses at college--and I stayed clear of power electronics, as I knew I did not want to go into those fields--low power electronics at that, vaccum tube theory--and precautions--were not discussed. A friend and I once tried to get the prof to do a class or two on tubes, but we ran out of time. So, I've never touched a plate at voltage, but I know better than to do that--well, I don't know \*know\* why not to (as in, the painful kind of knowing).

The same prof apparently taught classes way back when, and one of the first experiments he had students do was something involving resistors. The voltages were safe, but the power dissapations were not. Part of the purpose of the lab was to get students into the habit of not touching components at voltage--if they did in this lab, they would notice that the resistors were uncomfortably warm. He was hoping to get them wary of touching things before they were exposed to B+ voltages. I guess things are a bit different at +12V or +/-15V, which are kinda high voltage for most electronics one sees these days.

KB1CKT

--- RussN7DW@cs.com wrote:  
> I'll leave the practicalities of rewiring AC plugs  
> to those more current in the field. Not being an  
> electronics professional, I'm not qualified to  
> advise you.  
>  
> But in a more general vein, I'm sure you already  
> know this and you're just kidding - but you do NOT  
> want to touch ANY voltage in a vacuum tube rig. In  
> a receiver you may not find more than 300 volts. In

> transmitters the power stages can run 600-800 volts  
> in 100-watt rigs, and 1500-4000 in the big amps.  
> Once, more than 30 years ago, I came in contact with  
> 700 volts on the final tank coil of a Heathkit  
> transceiver. Believe me, once is too many! I got a  
> powerful jolt AND an RF burn on a finger that took  
> months to heal.  
>  
> Use caution when poking around in that receiver, and  
> treat all voltages with the respect they deserve.  
> Insulated tools, plenty of clearance, and don't let  
> anything slip!  
>  
> 73,  
> Russ N7DW  
>

-----  
Date: Mon, 22 Oct 2001 11:45:10 -0400  
From: "Kwik, Ed " <ed.kwik@delphiauto.com>  
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [109236] IF you want to keep CW as a mode -READ THIS!!  
Message-ID:  
<9F176F70FD71AC48AFC36F879D2B84E38F35F8@tryexch01.NorthAmerica.DelphiAuto.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I like this idea a lot. I stayed up late Friday night to see if I could work some West Coast QRPers in the Pacificon contest. I figured by 11:00 PM local time the QRM would be pretty low. Well I figured wrong. Before the contest I wanted to do some rag chewing on 40 Meters to help me stay up past my normal bed time. Near 7.040 I had to end two QSOs early because of RTTY and other digital stuff popping up right on the QSO frequency. No QRL?. No nothing. I had a third QSO end early because of SSB QRM. I know all about the way 40 meters is structured and that we all need to share the bands and no one mode has any more claim to any frequency, but 7.040 has become almost useless for QRP at AB8DF. I could probably improve this if I could rotate my dipole 90 degrees so it runs North - South rather than East - West to minimize the SSB from Canada and South America. But my lot orientation will not let me do it. There has got to be a spot between 7.100 and 7.150 where us QRPers can hang out. The BC shortwave stations can not be any worse than the QRM at 7.040

Ed Kwik AB8DF Waterford, MI

-----Original Message-----

From: baltimoremd@baltimoremd.com [mailto:baltimoremd@baltimoremd.com]  
Sent: Monday, October 22, 2001 8:57 AM  
To: N2EY@aol.com  
Cc: g4ilo@qsl.net; elecraft@qth.net  
Subject: Re: [Elecraft] Re: IF you want to keep CW as a mode -READ THIS!!

On Mon, 22 Oct 2001 N2EY@aol.com wrote:

>  
> There ARE folks here proposing to "refarm the Novice bands" which is just  
> another way of saying "widen the 'phone bands". A QRP CW signal is going  
to  
> have a tough time in bands overrun by high power 'phone and digital  
signals.

And if no one in the CW community bothers to use the novice frequencies,  
the phone proponents can simply point to no useage.

Certainly K1/K2 owners can't use the excuse of being rockbound.

So, perhaps we might pick a "novice" frequency and use it as an Elecraft  
calling freq. 7110 to 7120 is not too bad here.

Or, we can sit back and wait for someone else to point out that no one is  
using the spectrum....reminds me of 11 meters.

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

---

To subscribe or unsubscribe: <http://www.elecraft.com/elist.html>  
Post messages to: [elecraft@qth.net](mailto:elecraft@qth.net) (You must be subscribed.)  
Postings must be sent from the same addr. as subcribed.  
The qth.net list server rejects HTML encoded emails.  
Elecraft Web Page: <http://www.elecraft.com>

-----  
Date: Mon, 22 Oct 2001 16:19:53 +0000  
From: Garie Halstead <k8kfj@ntelos.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [109237] 3560 intruders  
Message-ID: <3BD400D9.CA403D4E@ntelos.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For the past 3 nights in a row, I've heard 2 USB stations conversing in an unrecognizable language. This is occurring late in the evening. They are loud enough to cause problems to some QRP QSOs. Anyone else in other parts of the eastern seaboard hearing this guys and can identify the language?

72 //Gary \*K8KFJ\*  
West Virginia

-----  
Date: Mon, 22 Oct 2001 16:26:16 +0000  
From: Garie Halstead <k8kfj@ntelos.net>  
To: ed.kwik@delphiauto.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [109238] Re: IF you want to keep CW as a mode -READ THIS!!  
Message-ID: <3BD40258.934CB983@ntelos.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Monday, 22 October 2001, Ed Kwik wrote:

> There has got to be a spot between 7.100 and 7.150 where  
> us QRPers can hang out. The BC shortwave stations can not be any worse  
> than  
> the QRM at 7.040

Also, SWBC QRM is predictable (always 5 KHz apart). Easy to squeeze in between with a good CW filter, if shift, notch control, etc. You've got my vote Ed.

72 //Gary \*K8KFJ\*

-----  
Date: 22 Oct 2001 12:21:08 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-l@lehigh.edu  
Subject: [109239] 7X4AN @ 28.495  
Message-ID: <20011022172108.5049.qmail@cpdvg100.netaddress.usa.net>

Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Just worked algeria from the van, one watt to a full wave whip, ssb. Loud=  
(59)  
in to the Houston area. Qrp is fun, especially when QRO others are there  
trying to work the same station!  
mike  
wb5yjx

-----  
Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

-----  
Date: Mon, 22 Oct 2001 12:57:36 -0400  
From: Dave Pomeroy <dave@dpomeroy.com>  
To: qrp-1@Lehigh.EDU  
Subject: [109240] BFO  
Message-ID: <5.1.0.14.0.20011022124932.009f6c60@mail.dpomeroy.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I just got a new Tentec Corsair. It is a great rig for the money. The only problem I have is the offset is set at 750 hz and that is to high for me. It has a 9 Mhz bfo crystal. A switching network that switches in 3 seperate caps to change the freq, 9.003 Mhz for lower sideband, 9.000 Mhz for upper sideband, and 9.00750 for CW. I want to lower the offset freq to 440 Hz. I called Tentec and the tech support fella said if I do that, I would need to change all of the filters. Its not clear to me why I would have to change the filters. I know you folks are the best tech people around. Can anyone shed some light on this? Thanks in Advance.

Dave Pomeroy K8DNP South Western Michigan

-----  
Date: Mon, 22 Oct 2001 13:05:42 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: <ed.kwik@delphiauto.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [109241] Want to keep CW!!  
Message-ID: <00af01c15b1b\$c84fc480\$038798ce@megalink.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I fully agree that something like a frequency change should be done, even tho it will be rough on the global scale. For those of us with limited time for radio, it's particularly daunting to encounter such an hostile environment during that brief available time. We must keep up the campaign to improve "Considerate Amateur" awareness and compliance tho, in order to prevent the cancerous problem from overtaking wherever we move.

73

AA1MY

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel, Me, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

-----  
Date: Mon, 22 Oct 2001 12:11:16 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: <kb1ck@yahoo.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109242] Re: Working with vaccum tubes  
Message-ID: <01e601c15b1c\$91a1da80\$7001a8c0@lwrnc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Shawn,

B+ voltages can be more than painful as you stated. They can KILL you instantly. Be careful and have fun.

72 / 73 de Brice KA8MAV  
Indianapolis, IN EM79au  
QRPP-I #1, QRP ARCI #10972, QRP-L #2360,  
KLQRP, FPQRP -156, ARS, ARRL

QRPP International - and "Tiny Tornado" Kits  
<http://www.QRPP-I.com>

----- Original Message -----



From: Shawn Upton <kb1ckct@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, October 22, 2001 10:29 AM  
Subject: Re: Working with vaccum tubes

> Yeah, I was speaking in jest. I'm just shy of 25, so  
> when I took my electronics courses at college--and I  
> stayed clear of power electronics, as I knew I did not  
> want to go into those fields--low power electronics at  
> that, vaccum tube theory--and precautions--were not  
> discussed. A friend and I once tried to get the prof  
> to do a class or two on tubes, but we ran out of time.  
> So, I've never touched a plate at voltage, but I know  
> better than to do that--well, I don't know \*know\* why  
> not to (as in, the painful kind of knowing).

>

> The same prof apparently taught classes way back when,  
> and one of the first experiments he had students do  
> was something involving resistors. The voltages were  
> safe, but the power dissapations were not. Part of  
> the purpose of the lab was to get students into the  
> habit of not touching components at voltage--if they  
> did in this lab, they would notice that the resistors  
> were uncomfortably warm. He was hoping to get them  
> wary of touching things before they were exposed to B+  
> voltages. I guess things are a bit different at +12V  
> or +/-15V, which are kinda high voltage for most  
> electronics one sees these days.

>

> KB1CKT

>

> --- RussN7DW@cs.com wrote:

> > I'll leave the practicalities of rewiring AC plugs  
> > to those more current in the field. Not being an  
> > electronics professional, I'm not qualified to  
> > advise you.

> >

> > But in a more general vein, I'm sure you already  
> > know this and you're just kidding - but you do NOT  
> > want to touch ANY voltage in a vacuum tube rig. In  
> > a receiver you may not find more than 300 volts. In  
> > transmitters the power stages can run 600-800 volts  
> > in 100-watt rigs, and 1500-4000 in the big amps.  
> > Once, more than 30 years ago, I came in contact with  
> > 700 volts on the final tank coil of a Heathkit  
> > transceiver. Believe me, once is too many! I got a  
> > powerful jolt AND an RF burn on a finger that took

> > months to heal.  
> >  
> > Use caution when poking around in that receiver, and  
> > treat all voltages with the respect they deserve.  
> > Insulated tools, plenty of clearance, and don't let  
> > anything slip!  
> >  
> > 73,  
> > Russ N7DW  
> >  
>

-----  
Date: Mon, 22 Oct 2001 09:42:22 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: <qrp-1@lehigh.edu>  
Subject: [109243] Not Chisled in Stone  
Message-ID: <000501c15b18\$a6fb14e0\$018a6bd1@j3s0p2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Friends,

It seems like about once a year we see a thread about the need to change the QRP calling frequency here in the western hemisphere. I can assure you that another calling frequency will be no better (or worse) than 7.040 MHz. No matter where you move to, somebody (or some other group) has already claimed it as their own.

Try this instead. If you are QRP and just looking for a QSO, go anywhere. Find someone calling CQ and answer them. Or, if you would rather call CQ yourself, find a clear spot and call your heart out.

If you are looking for fellow QRPers and you find 7.040 MHz covered up with RTTY or whatever, the frequency is probably clobbered for others as well. Move up or down a few kHz and call CQ QRP.

The bottom line is this .... there is nothing magic about 7.040 MHz. If it's busy, find another place. Trust me, it works.

=====  
Bill Jones <><  
Sanger, California  
=====

-----  
Date: Mon, 22 Oct 2001 09:44:16 -0700 (PDT)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: ed.kwik@delphiauto.com,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [109244] Re: IF you want to keep CW as a mode -READ THIS!!  
Message-ID: <20011022164416.20546.qmail@web14208.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Oh just what we need. A freq. for just one brand of radio. Before you correct yourself, that is what you wrote, so that must be your true feelings. Now, above 7100 is the qrp calling freq. of 7110. Use what is already there. + or - QRM of course.

How do you keep cw as a mode with run to operate. How many of you are a member of a local club other than a qrp club. If not, join one, if you are great, now set up cw classes so people can increase their speed. Inorder to keep the band segments for cw, increase the number of people using them. This will do more than a new calling freq.

Enter all arrl contest on cw and send in the log. Increased participation on cw will be noticed. Next month is the ss contest. CW the first weekend. Enter and send in the log, be it 10 contacts or 200 contacts, send in the log.

I happen to enjoy both modes at 5 watts or less.

73, Bill KC4ATU

-----  
Do You Yahoo!?  
Make a great connection at Yahoo! Personals.  
<http://personals.yahoo.com>  
-----

Date: Mon, 22 Oct 2001 13:47:20 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <myetsko@insydesw.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109245] Re: NOAA WX Radio.  
Message-ID: <1010922134721.NAA28211@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/11/01 9:47 AM, Mike Yetsko at myetsko@insydesw.com wrote:

>"Show me something that is idiotproof and I'll show you something  
>only an idiot would want." (And I don't know who originally said that,  
>I heard it back in the early 80's or late 70's.)

The problem is, they keep making better and better idiots....

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Mon, 22 Oct 2001 13:50:03 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <myetsko@insydesw.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109246] Re: NOAA WX Radio.  
Message-ID: <1010922135004.NAA28387@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/11/01 10:31 AM, Mike Yetsko at myetsko@insydesw.com wrote:

>> You forgot the MANDATORY low flow toilets  
>  
>Ah, yes... The ones that take three flushes after the previous night's  
>gorge at El Torito instead of just one, wasting more water than the  
>originals ever did.

Depends on which ones you get. My house was built in 1994, and my  
low-flow toilets are very efficient. Only problem is when my wife or two  
girls use half a roll of TP....

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Mon, 22 Oct 2001 10:44:26 -0600  
From: "Dittmar, Mark" <Mark\_Dittmar@maxtor.com>  
To: "'Qrp-L list'" <qrp-l@Lehigh.EDU>  
Subject: [109247] SW40+ and ADI AT600MP 2m/440 HT FS  
Message-ID: <85B5853D4393D5118BAE009027DE2A6C129A98@mcoexc05.mlm.maxtor.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

For Sale:

1) ADI AT600MP 2 meter / 440 mhz dual band HT, in EXCELLENT condx.  
Has additional receive capability in 130 - 172 Mhz, 350 - 400 mhz, 400 - 470  
Mhz, 900- 985 Mhz. Has seen very little use. Comes with manual and all  
documentation. Has the 1200 maH battery option ( "high power" ), and 2  
wall-wart chargers. \$200 SHIPPED CONUS.

2) SW40+ 40 meter QRP transceiver. Stock, no mods. Works and looks  
great. Built into a Radio Shack cabinet. SO-239 output connector. Coaxial  
jack for PS, comes with power cable. coverage of approx. 7030 to 7060 khz.  
\$60 shipped CONUS.

73 Mark AB0CW  
Westminster, CO

-----  
Date: Mon, 22 Oct 2001 11:20:37 -0700  
From: "Cam Hartford" <camqrp@cyberg8t.com>  
To: <qrp-l@lehigh.edu>  
Subject: [109248] Bagged 3 Pacificonders  
Message-ID: <001301c15b26\$40f27180\$7444fea9@invoice>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I managed to squeeze out 3 Qs with the Pacificon guys,  
WA7SPY, K6WHP and N6WG. Man, they were weak out here in  
the real world!

Glenn, WA7SPY was the strongest, and was running Qs at a pretty good rate. Did he have the window seat? He must have snuck a wire out the window.

Someone using the call K6WHP asked me my QTH. I know it couldn't have been Bill, the real K6WHP, because we do swap meets and Field Day together. At least I thought he knew where I lived...

Wish I could have been there. At least the signals would have been louder.

-Cam N6GA

-----  
Date: Mon, 22 Oct 2001 12:56:33 -0600  
From: William R Colbert <w5xe@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [109249] Re: 3560 intruders  
Message-ID: <20011022.125634.-410651.1.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

In many parts of the world, 80 meters is a shared band, with mobile systems, i.e. ships, aircraft, etc allowed to operate. some of the ssb stations you hear around 3560 have in the past been fishing boats with either Japanese or Korean operators. They continue to operate in this region just as if they were at home, and I guess for the most part, don't care who it bothers. There used to be a Jamaican short station on 3535 as well as a couple of British shore stations around 3540. Out in this part of the world, many Mexican stations; police, Federales, Madrinas, smugglers, ranch to ranch.

73

Ray

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R  
FP# 111, SOC#78, ARCI 5784, El Paso, (FAR WEST) TEXAS

-----  
Date: Mon, 22 Oct 2001 13:04:12 -0600  
From: "Rod N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109250] N0RC automates logging!?!  
Message-ID: <002601c15b2c\$56be5f50\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well maybe.

I know I've said harsh things against computer logging, and that I wouldn't use it. It may now be time for me to eat crow.

I found a program that has a nice blend of features for contests and general logging, it is very easy to use--AND LEARN HOW TO USE!!!!

The program is YPLog. It is supplied as shareware, \$50USD, by VE6YP  
<http://members.shaw.ca/ve6yp/>

I just started using it, here is what I like so far:

- o It logs contests and general QSOs with equal ease.
- o It has a Keyword rule system for creating "rule files" to score different contests
- o Can log "realtime" or "offline", easy to enter old paper logs, or contest logs "from the field" that logged on paper.
- o Controls most any radio, up to 3, or runs in non-rig-control mode.
- o Interfaces with TNCs and callbook programs
- o Award and QSL tracking
- o ADIF export and Cabrillo reporting

Still trying to figure out if it can score QRP-ARCI style contests when points are different between members/non-members. May have to export to spreadsheet to handle some of the QRP contests/sprints.

While trying different programs I finally came to realize that there are three major features of log programs:

1. QSO details logging (contest or non-contest)
2. Contest scoring
3. QSL/Award management

Many programs seem to optimize for one or two of the above features, skimping on the other(s). YPlog seems different, with an equal blend of good functionality for all three features.

For me YPlog deserves more consideration, I may have finally found something I can like!

73, Rod N0RC  
Ft Collins, CO

-----  
Date: Mon, 22 Oct 2001 15:18:42 -0400  
From: "Jim Stamper" <jstamper@shentel.net>  
To: <kb1cct@yahoo.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109251] Re: Working with vacuum tubes  
Message-ID: <002701c15b2e\$601cad0\$cc1c6fcc@jstamper>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In olden days before three pronged and polarized plugs I had the wall socked and the line plug on my S-38 painted with red fingernail polish on one side so I wouldn't get shocked when I touched that puppy. My "shack" was in a basement with a bare concrete floor--a very good conductor and having shoes on didn't seem to protect you. If you have a three-pronged outlet and are sure the center hole is really a good ground then replacing the power cord with a 3 pronger with that center wire connected to the chassis of the S-38 should do the trick. The worse that could happen is you might blow a fuse if something is hooked up wrong.

Speaking of 12 or 15 volts, the stator plates of the final amplifier's "tank" capacitor in tube rigs often was hot with whatever DC you were applying. The rotor was usually grounded. When you were going to be working inside a rig it was always a good idea to close the rotor so none of the blades would get bent. It was also good practice to disconnect the power supply. Once I forgot with 600 volts DC on the stator when I pushed the rotor closed. I didn't realize I was "connected" until I smelled my



finger burning.

In those days QST would always have these drawings of a household power switch in the OFF position and the caption SWITCH TO SAFETY. As my finger throbbed I began to understand what they were getting at. Always been a slow learner.

jim-  
KG4LDY

----- Original Message -----

From: "Shawn Upton" <kb1ckct@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, October 22, 2001 11:29 AM

Subject: Re: Working with vacuum tubes

> Yeah, I was speaking in jest. I'm just shy of 25, so  
> when I took my electronics courses at college--and I  
> stayed clear of power electronics, as I knew I did not  
> want to go into those fields--low power electronics at  
> that, vacuum tube theory--and precautions--were not  
> discussed. A friend and I once tried to get the prof  
> to do a class or two on tubes, but we ran out of time.  
> So, I've never touched a plate at voltage, but I know  
> better than to do that--well, I don't know \*know\* why  
> not to (as in, the painful kind of knowing).

>

> The same prof apparently taught classes way back when,  
> and one of the first experiments he had students do  
> was something involving resistors. The voltages were  
> safe, but the power dissapations were not. Part of  
> the purpose of the lab was to get students into the  
> habit of not touching components at voltage--if they  
> did in this lab, they would notice that the resistors  
> were uncomfortably warm. He was hoping to get them  
> wary of touching things before they were exposed to B+  
> voltages. I guess things are a bit different at +12V  
> or +/-15V, which are kinda high voltage for most  
> electronics one sees these days.

>

> KB1CKT

>

> --- RussN7DW@cs.com wrote:

> > I'll leave the practicalities of rewiring AC plugs  
> > to those more current in the field. Not being an  
> > electronics professional, I'm not qualified to  
> > advise you.

> >  
> > But in a more general vein, I'm sure you already  
> > know this and you're just kidding - but you do NOT  
> > want to touch ANY voltage in a vacuum tube rig. In  
> > a receiver you may not find more than 300 volts. In  
> > transmitters the power stages can run 600-800 volts  
> > in 100-watt rigs, and 1500-4000 in the big amps.  
> > Once, more than 30 years ago, I came in contact with  
> > 700 volts on the final tank coil of a Heathkit  
> > transceiver. Believe me, once is too many! I got a  
> > powerful jolt AND an RF burn on a finger that took  
> > months to heal.  
> >  
> > Use caution when poking around in that receiver, and  
> > treat all voltages with the respect they deserve.  
> > Insulated tools, plenty of clearance, and don't let  
> > anything slip!  
> >  
> > 73,  
> > Russ N7DW  
> >  
>

-----  
Date: Mon, 22 Oct 2001 15:27:07 -0400  
From: W2AGN <w2agn@pobox.com>  
To: "N8IE" <n8ie@woh.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109252] Re: -- Zombie?  
Message-ID: <01102215270712.09321@njbirdman>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Monday 22 October 2001 06:35, N8IE wrote:

> Now that's way to cool.  
>  
> 72, oo  
> Dan, N8IE  
>  
> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
> Nick Kennedy  
> Sent: Sunday, October 21, 2001 08:09 PM  
> To: Low Power Amateur Radio Discussion

> Subject: -- Zombie?  
>  
>  
> Guys, if you haven't clicked David's web site linked below, you oughta get  
> a load of it. His opening screen photo is something else.  
>  
> Try as I may, I just can't look that good in my Zombie badge. I'm even  
> wondering if Paul may have to surrender his Grand Zombie title to this guy.  
>  
> 72--Nick, WA5BDU  
>  
> CU Friday in the Shuffle?  
>  
> -----Original Message-----  
> From: David Bixler [SMTP:qrp@netins.net]  
> Sent: Sunday, October 21, 2001 11:16 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: RE: Appalachian Trail in PA Activation  
> 72  
>  
> David Bixler W0CH  
> Seneca, MO  
> Main Web Site: <http://www.qsl.net/w0ch>  
> Mirror Site: <http://showcase.netins.net/web/w0ch>

--

And somebody on this list told me I looked bad!

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>

-----  
Date: Mon, 22 Oct 2001 15:45:01 -0400  
From: "Carter Craigie, N3AO" <n3ao@bee.net>  
To: "Low Power Amateur Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109253] Will they Explode?  
Message-ID: <014101c15b32\$0c619a20\$bb60c441@satellite>

Hi All,

Here's what I want to do:

(1) Use a flexible solar panel to charge a pack of 10 AA 1.2 V 1600mAh Nickel-Metal Hydride batteries in my back pack as I go hiking.

Here's what I don't want to happen:

(1) Have the batteries explode in my back pack

(2) Ruin the batteries somehow

(3) Not get enough of a new charge on the batteries, so that they won't give me the juice I need to operate my Elecraft K1 rig at between 3 and 5 watts out to an inverted vee antenna cut for 7.043 +/-.

My flexible solar panel is made by UNI-SOLAR, with the following on its label:

Solar Battery Charger  
United Solar Systems Corp.  
Troy, MI

Electrical Ratings at 1000W/m<sup>2</sup>, AM1.5, Cell Temp. 25C

Max. Power:	5.0 W
Current Max Power:	0.30 A
Voltage Max. Power	16.5 V
Short Circuit Current:	0.37 A
Open Circuit Voltage:	23.8 V
Model Type:	USF-5
Max. System Voltage:	30 V
Series Fuse:	0.75 A

I have two Charge Controllers to choose from:

(1) Flexcharge Model PV-7 High Efficiency Precision 7A Solar Charge Regulator

It says the following on its top: For charging 12V Lead-Acid or Gel Batteries from Photovoltaic Panels.

(I bought it from the same folks who sold the solar panel.)

(2) SunLight Energy Systems Micro "M" Comm version charge controller (I have no data available on this little charge controller.)

Can anybody give me reliable advice? Also, which charge controller would you suggest I use?

Thanks in advance.

73/72,

Carter Craigie N3AO  
5 Faggs Manor Lane  
Paoli, PA 19301-1905  
n3ao@arrl.net  
or  
n3ao@bee.net

-----  
Date: Mon, 22 Oct 2001 14:07:51 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [109254] Short 80 meter Antenna  
Message-ID: <Pine.LNX.4.33.0110221348290.2107-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is what I'm working on now. It has a Radio Shack 36 foot TV Mast holding up an insulator that has 2 30 foot wires attached to it. The wires are drooping down to 12 feet at the roof of the house where the end is insulated.

In the center of each 30 foot wire is an inductor of 37 microhenrys which is about 30 turns on a 3 inch diameter form made from PVC pipe. The feedline is RG-8 50 ohm coax.

Tuning up the antenna will be with SWR bridge and taking turns off the coils until it has a good < 1.5:1 SWR on the frequency of 3.939 MHz. The antenna will be fine without a tuner for this frequency or any in the upper 75 meter band.

It will take a few days to get this up in place of my present antenna and run some on the air tests.

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Mon, 22 Oct 2001 13:11:37 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [109255] Re: Bagged 3 Pacificonders  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B77550@hq-expo2.filenet.com>

..just to set the record straight: I asked Cam for his QTH because I \*know\* what a prankster he is and -- while he \*said\* he couldn't make PacifiCon -- I wouldn't put it past him to make the trip at the last minute.

So he can and should count that as a bona fide QS0.

Nonetheless, it was a thrill to work him!

Bill, K6WHP

-----  
Date: Mon, 22 Oct 2001 14:40:31 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Carter Craigie, N3AO" <n3ao@bee.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109256] Re: Will they Explode?  
Message-ID: <Pine.LNX.4.33.0110221435140.2374-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Your small panel will put out 0.37 amps MAX. On your back it will put out much less so DO Not use either controller. Hook the panel to the batteries with a series diode to keep them from discharging into the panel, and just check the battery every hour or so. When it's warm it's full.

On Mon, 22 Oct 2001, Carter Craigie, N3AO wrote:

> Hi All,  
>  
> Here's what I want to do:  
>  
> (1) Use a flexible solar panel to charge a pack of 10 AA 1.2 V 1600mAh  
> Nickel-Metal Hydride batteries in my back pack as I go hiking.  
>  
> Here's what I don't want to happen:

>  
> (1) Have the batteries explode in my back pack  
>  
> (2) Ruin the batteries somehow  
>  
> (3) Not get enough of a new charge on the batteries, so that they won't give  
> me the juice I need to operate my Elecraft K1 rig at between 3 and 5 watts  
> out to an inverted vee antenna cut for 7.043 +/-.  
>  
>  
> My flexible solar panel is made by UNI-SOLAR, with the following on its  
> label:  
>  
> Solar Battery Charger  
> United Solar Systems Corp.  
> Troy, MI  
>  
> Electrical Ratings at 1000W/m2, AM1.5, Cell Temp. 25C  
>  
> Max. Power: 5.0 W  
> Current Max Power: 0.30 A  
> Voltage Max. Power 16.5 V  
> Short Circuit Current: 0.37 A  
> Open Circuit Voltage: 23.8 V  
> Model Type: USF-5  
> Max. System Voltage: 30 V  
> Series Fuse: 0.75 A  
>  
> I have two Charge Controllers to choose from:  
>  
> (1) Flexcharge Model PV-7 High Efficiency Precision 7A Solar Charge  
> Regulator  
> It says the following on its top: For charging 12V Lead-Acid or Gel  
> Batteries from Photovoltaic Panels.  
> (I bought it from the same folks who sold the solar panel.)  
>  
> (2) SunLight Energy Systems Micro "M" Comm version charge controller (I have  
> no data available on this little charge controller.)  
>  
>  
> Can anybody give me reliable advice? Also, which charge controller would  
> you suggest I use?  
>  
> Thanks in advance.  
>  
> 73/72,  
>  
> Carter Craigie N3AO

> 5 Faggs Manor Lane  
> Paoli, PA 19301-1905  
> n3ao@arrl.net  
> or  
> n3ao@bee.net  
>  
>  
>  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Mon, 22 Oct 2001 15:52:46 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: jstamper@shentel.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [109257] Re: Working with vaccum tubes  
Message-ID: <3BD4871E.8EE8DF9E@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

RE final amp tanks, remember that one can replace the series feed that puts HVDC on the stator with parallel feed that prevents it. I cannot recall ever building a tank circuit that didn't use parallel feed. Not only does it remove the shock hazard that Jim addresses but it allows the voltage rating of the capacitor to handle a much higher r-f level.

Sure seems funny to be posting this to QRP-L! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Jim Stamper wrote:

> Speaking of 12 or 15 volts, the stator plates of the final amplifier's  
> "tank" capacitor in tube rigs often was hot with whatever DC you were



> applying. The rotor was usually grounded. When you were going to be  
> working inside a rig it was always a good idea to close the rotor so none of  
> the blades would get bent. It was also good practice to disconnect the  
> power supply. Once I forgot with 600 volts DC on the stator when I pushed  
> the rotor closed. I didn't realize I was "connected" until I smelled my  
> finger burning.

-----  
Date: Mon, 22 Oct 2001 17:20:43 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <k7fd@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109258] Re: PHOTOs: K1 4 Bander Module  
Message-ID: <1010922172045.RAA17031@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/21/01 10:59 PM, N7SG K7FD at k7fd@hotmail.com wrote:

>For those who have been inquiring about the new Elecraft mystery product,  
>Glenn WA7SPY finished his K1 4 band module today and asked that I post  
>pictures of his completed board...  
>  
>Please visit: <http://home.teleport.com/~cqdx/4bander.htm>

Gosh, still enough room on that board for 1 or 2 more bands.... <grin>

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Mon, 22 Oct 2001 17:22:06 -0400  
From: Dave Fouchey <dafouchey@home.com>  
To: kb1cktt@yahoo.com,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109259] Re: Working with vaccum tubes  
Message-ID: <4.1.20011022172016.00999d60@localhost>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The problem is Shawn that there is no input power transformer to provide  
isolation between the "hot" line feed and the chassis. The best approach

would be to use an isolation transformer to provide such separation.

Good luck

Dave

WA4EMR/8

At 05:48 AM 10/22/2001 -0700, Shawn Upton wrote:

>Wow, got some good info on this rig. What if I take  
>and rewire the power plug properly? It seems to me, I  
>can make it somewhat more safe if I do that. Should I  
>use a regular 3 prong plug, grounding the  
>cabinet/chassis, neutral to B-, hot to, well, hot?  
>The only thing I'm not sure about is the ground  
>connection--The chassis is tied to B- through a cap  
>paralleled with a 470k resistor. If I do this, I  
>probably should still use the isolation transformer,  
>since I'm a real newbie to what touching a plate  
>voltage feels like, right?

>

>Also, the radio's power switch is wired to switch B-,  
>not the hot wire. So, I think I can redo that at the  
>same time too. And maybe, just maybe, I'll be smart  
>enough to put a fuse inline too. I think it's rated  
>at 40W input, so a 1/2 amp fuse ought to work.

>

>Interesting stuff on the tube diode drop. upwards of  
>30 volts, that's quite a loss. I'd assume the  
>detector runs a bit less of a drop than that. I  
>suspect I might have some fun in there, measuring  
>voltages and trying to figure out the circuits--as  
>long as I don't zap myself too badly in the process!

>

>KB1CKT

-----

Date: Mon, 22 Oct 2001 16:25:49 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <ianpurdie@integritynet.com.au>

Cc: <qrp-1@Lehigh.EDU>

Subject: [109260] Return Loss Bridge

Message-ID: <003c01c15b40\$1eba1270\$4e100a0a@rohredt2000>

Ian,

With careful layout, the Stockton Power Meter circuit (Kanga Kit), should provide a useful Return Loss bridge to 400 MHz. You may have to change the

toroid, and give up some lower frequency response as a consequence, but usually this is not a problem if you are seeking response at 400.

I have tested the Ten Tec RF Power and SWR Meter Kit to 440 MHz, and found it gave adequate relative power and SWR readings, ie allowed a null to be found, and showed output proportional to the RF source I was using.

72,  
Stuart k5KVH

-----  
Date: Mon, 22 Oct 2001 17:42:13 -0400  
From: Rick McKee <kc8aon@juno.com>  
To: mgoins@usa.net, qrp-1@Lehigh.EDU  
Subject: [109261] Re: 7X4AN @ 28.495  
Message-ID: <20011022.174516.12342.0.kc8aon@juno.com>

A full wave whip ? That's about 34 feet long ! How'd you fit under the highway bridges ?

73 ..... KC8AON

On 22 Oct 2001 12:21:08 EST Michael Goins <mgoins@usa.net> writes:  
>Just worked algeria from the van, one watt to a full wave whip, ssb.  
>Loud (59)  
>in to the Houston area. Qrp is fun, especially when QRO others are  
>there  
>trying to work the same station!  
>mike  
>wb5yjx  
>  
>-----  
>Get free e-mail and a permanent address at  
><http://www.amexmail.com/?A=1>

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Mon, 22 Oct 2001 16:46:07 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <muglesto@ecentral.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [109262] PVC stiffening for loop supports  
Message-ID: <005401c15b42\$f4b36050\$4e100a0a@rohredt2000>

Hi,

The problem of limber schedule 40 PVC poles for loop supports can be successfully solved.

First of all, you will need one of the larger sizes of pipe, the smallest probably cannot be tamed to stand up straight.

We found at Field Day, that if we used the larger sizes that telescope into each other, and overlapped them well, ie 3 ten foot sections to go up only 20 feet, then with back stay guy lines pulling against the corner of the square loop, we could make the pole stay up fairly straight, even in wind. The back stay guy system is to counter the pull of the loop wires by guy lines strung out in the opposite directions. Tie them off to tent stakes, or nearby limbs. They came off the pole at anything from 45 to 60 degrees to the vertical pole. Don't worry about some curvature, but if you want better results try to get heavier pipe like schedule 80, or perhaps some plastic conduit.

72,

Stuart k5KVH

-----  
Date: Mon, 22 Oct 2001 16:52:11 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <k7rx@earthlink.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [109263] Improving, not replacing the G5RV  
Message-ID: <005a01c15b43\$ce195e30\$4e100a0a@rohredt2000>

Kevin,

for some time I have seen the folks lament that their G5RV does not work well on 15 or 30m. this seems a common problem, and is predictably from the physics of the antenna, which was invented before there were WARC bands.

I have had an urge to try something, but alas my support tree for my G5RV style WARC variant was lost in a recent storm, but I will pass along my idea for optimizing the G5RV for other bands than its basic design. This will only work for the higher bands, shorter resonant lengths than the basic antenna:

For bands like 30m, and 15m, why not just parallel a dipole at the center

insulator, and drop its ends off to make a fan dipole arrangement? It should work well for 15 m, and might work for 30m. On 15, expect to have to adjust the length of the dipole to other than single dipole formula, because of interaction with the 40m near resonant longer wiring.

If you try this, please post how it works for you.

72,

Stuart k5KVH

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Date: Mon, 22 Oct 2001 16:57:12 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <mikeduke@netdoor.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [109264] The better 10m vertical solution  
Message-ID: <006001c15b44\$816a5de0\$4e100a0a@rohredt2000>

Mike,

Before you buy a commercial antenna for 10m, just get some copper wire and insulators, and make yourself a vertical dipole for 10m.

It is only 16 feet tall.

It can be hung from a higher tree limb.

It will have gain over any of those 10m antennas you mentioned. It is a great DX antenna, no ground needed.

You could feed it either with ladder line at 90 degrees to the wire for at least 8 feet or more, or make the lower 8 feet from coax, and place a toroid, or coiled Coax choke there to break up RF on the outer shield when you bottom feed it, and thus your feed line coax, becomes half of the antenna. Above the 8 foot point, either use just the center of coax, or a wire to complete the dipole half.

This is a quick and low cost do it yourself antenna.

72,

Stuart K5KVH

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Date: Mon, 22 Oct 2001 17:24:05 -0500  
From: Steve Yates - AA5TB <aa5tb@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [109265] Re: 3560 intruders  
Message-ID: <002401c15b48\$43907c80\$02703ed8@pavilion>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Here in north Texas I often hear scrambled (encrypted) SSB stations on 80m and just about everywhere else. The type that I hear most often sounds like a female Spanish speaking person although this could just be an artifact of the scrambling mechanism. It always sounds like I'm listening on the wrong sideband. I had sent a recording to the ARRL over a year ago and they agreed that it was most likely an illegal intruder. The same stations have been heard on 40m and 30m. This is assuming of course the stations are the same ones that you are hearing.

With encryption devices readily available you can bet the intruders are going to get thick within the amateur bands. Your best bet maybe to make a recording (preferably a digital format) and ask your nearest ARRL representative if they would like to have it (don't send it blind).

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://www.geocities.com/aa5tb>  
[aa5tb@arrl.net](mailto:aa5tb@arrl.net)

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Date: Mon, 22 Oct 2001 18:38:32 -0400  
From: "Marty N5NW" <n5nw@onebox.com>  
To: "QRP" <qrp-1@lehigh.edu>  
Subject: [109266] Re: CQ Magazine a target for terrorists?  
Message-ID: <HKEIKBMFOAJDNCCMGNEBCENMCCAA.n5nw@onebox.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

According to a note on eHam, one guy got a response from the publisher:

It's also important to keep in mind that you can easily FAX in your paper

log. Our office FAX number is 516 681-2926, and it's always kept well stocked with paper and toner.

So, perhaps that is the method of choice for paper logs.

No body is probably aware, but the highest circulation publication in the US is ... the National Enquirer.

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73 de N5NW/8  
Marty  
Dayton, Ohio

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Date: Mon, 22 Oct 2001 15:54:14 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [109267] Zombie Shuffle info?  
Message-ID: <MABBJOEABOILMKCJCLFCMEBECMAA.n6wg@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can anyone point me to a web page with the Zombie Shuffle info?  
A web search didn't turn up anything, so figured a direct plea for help should do it.  
73, Bob N6WG

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Date: Mon, 22 Oct 2001 16:56:14 -0600  
From: "Rod N0RC" <rod@n0rc.com>  
To: <n6wg@earthlink.net>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109268] Re: Zombie Shuffle info?  
Message-ID: <001201c15b4c\$c105cef0\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<http://www.geocities.com/n0qt/zombie.htm>

73, Rod N0RC

Ft Collins, CO

----- Original Message -----

From: "Bob Tellefsen" <n6wg@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, October 22, 2001 4:54 PM

Subject: Zombie Shuffle info?

> Can anyone point me to a web page with the Zombie Shuffle info?  
> A web search didn't turn up anything, so figured a direct plea for  
help  
> should do it.  
> 73, Bob N6WG  
>

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End of QRP-L Digest 2350

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